State of California
Department of Food and Agriculture
Division of Measurement Standards

Certificate Number: 5216-01

California Type Evaluation Program
Certificate of Approval for Weighing Devices

For:

Vehicle Scale System Controller
Personal Computer
Model: Weigh Station

Submitted by:

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Standard Features and Options

Motion detection and primary weight indication are provided by the compatible and certified primary weight indicator.

Computer display for operator interaction
Vehicle, customer and product ID
Weigh-in/weigh-out capabilities (inbound and outbound weights are identified on the weight ticket)
Unit of measure: Pound
Manual weight entries (identified on the weight ticket)
Data entry station with numeric keypad
Badge card reader (optional)

Minimum System Requirements:

CRT display
Alphanumeric keyboard
Operating system: Windows 95, 98 and 2000; DOS
Hardware: 50 MHZ Pentium Processor, 32 MB RAM, 2 GB HD
Program Language: Borland Pascal

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable technical requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: January 26, 2001

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Mike Cleary, Director

Evergreen Software, Inc.
Vehicle Scale System Controller
Model: Weigh Station

Application: For use with a certified vehicle scale system. The vehicle scale system controller must be interfaced with certified and compatible weighing and indicating elements.

Identification: The manufacturer's name and the system version number are displayed on the monitor of the system controller when the operator signs on. The manufacturer's name and model number is on a label attached to the front of the data entry station that has the numeric keypad and/or the optional badge card reader.

Sealing: The system controller and data entry station require no provision for sealing and are protected by a password that is retained by the manufacturer. Provisions for sealing metrological parameters are provided by the weighing and indicating elements.

Operation: The system controller accepts gross weights from the electronic indicating element. A transaction is initiated when the deputy weighmaster keys in his identification number via the numeric keypad on the data entry station or inserts his badge if the optional badge card reader is present. Tare weights may be entered using the numeric keypad or stored tare information may be recalled and used to print a weight ticket for single pass transactions. If weigh-in/weigh-out transactions are performed the vehicle information is stored in the system and a weight ticket is printed when the vehicle returns. Manual gross weight entries are permitted to correct erroneous weight tickets and are allowed only when communication between the weight indicator and computer are severed. Manual gross weight entries are not possible with the numeric keypad.

Test Conditions: The Model Weigh Station (version 6.1) with the optional badge reader and numeric keypad was submitted for evaluation. The system controller was evaluated with a vehicle scale interfaced to a Rice Lake Model IQ+510 digital weight indicator (Certificate of Approval Number 4925-99). The emphasis of the evaluation was on the controller operation, marking requirements, print format, card reader performance, and interaction between the system and indicating element. Additionally, motion detection, momentary power loss, and several weigh-in/weigh-out transactions were also examined.

The results of the evaluation indicate the device complies with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2000 Edition

Tested By: G. Castro (CA)